Public Works (1906) Department.

G.O., No. 1205 I

DATED 24.12.1906.

[Despatch Abstract.]

Temporary sluice for the Periyar dam.

~~The~~ Drawings of the —— & instructions for erection received from the D.G. of Stores communicated to the officers concerned.

Iyer ...

[P. W. 25. / 2,000—6-7-06.]

Indexed.

24/12

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

Stock Form No. 141.
2,000—5-11-06.

PUBLIC WORKS DEPARTMENT.

Irrigation Branch.

CURRENT No. 12665

ENCLOSURES. Plans No. 5.
Others No. 1 (Instructions for Erection).
Total 6.

SPARE COPIES.

Received .... 190 .
Registered 28. 11. 1906
Passed on by Registering Clerk ...
" " U. R. Clerk ... request
" " Record-keeper ...
" " Drafting Officer ...

Subject.

Temporary sluice for Periyar Dam

Intimating despatch of certain drawings connected with the construction of a ——

Sent separately

No. S. 18053

Station India Office, London *Dated the* 8. 11. 1906

From (Name) Director-General of Stores

(Designation) India Office.

To The Chief Engineer / The Joint Secretary *to the Government of Madras,*
Public Works Department,
Irrigation Branch.

Sir,

To await receipt of the drawings referred to.

3/12 D.S.

Mh 3.12.06

Note for CS
If not recd within a week more, the current shd be subd for D.S.'s orders.
Mh 3/12/06

Draw

3/12/06

S. 18053 2

INDIA OFFICE,

8 Nov 1906.

Memo. 2040.

From the DIRECTOR GENERAL OF STORES

To the Chief Engineer & Joint Secretary to Govt. Irrigation Dept. Madras.

not recd yet
[illegible] 11.07

The under-mentioned Drawings have been forwarded to you. x

Madras Prod. Pk.

Number on Drawing. Original.	Number on Drawing. Completion.	Description of Work.	Contractors.	Contract No.	Number of Copies sent. By Parcel Post 6.11.6 Drawings.	Photos.
-	-	Temporary Sluice for Periyar Dam & Instructions for erection.	Ransomes & Rapier	E7639	5	-

To await receipt

E. [illegible]

Director General of Stores.

Y 9422. 500.— 12/1903. I. 2615.

(10) 7/

SECRETARY OF STATE FOR INDIA. (PERIYAR DAM) ORDER ~~3638.~~ E 7639

INSTRUCTIONS FOR ERECTING TEMPORARY SLUICE.

1. Locate position and drill holes for the four Lewis bolts attaching lintil to the masonry above culvert. Front in the bolts so as to leave them projecting $1\frac{3}{4}$" from the theoretical face line of masonry. Lay the sill joist in place with one of the small screw jacks under each end. Attach the groove channels to ends of sill by means of the set screws provided for that purpose. Allow groove channels to fall away from face of masonry sufficient to permit of lowering lintil into position behind them and to allow sufficient room for bolting lintil to the grooves. Wedge grooves into position screw ~~bolts~~ nuts on the Lewis bolts through lintil and carefully level sill and framing by means of the two screw jacks. When the whole of framing is found to be absolutely square and level it may grouted in with cement where necessary.

2. The position of holes for the Lewis bolts for framing or lifting gear and for guide channels may now be located, drilled and the bolts grouted in. Care to be taken that the vertical face of gear framing coincides with the theoretical face line of masonry, i.e. exactly 1" vertically behind back of groove channels. The gear framing may now be bolted together in position, and the gearing attached, the guide channels also being attached in place, leaving a 1" space between them and the masonry. These guide channels are to be screwed up just sufficient to permit of the gate passing freely along them, without any undue rubbing or friction. The 1" space may then be filled solid with cement grouting.

3. A temporary platform being laid across coping, the gate can either be erected in its raised position, resting on the two bolts intended to support it; or preferably, if suitably supported and if having suitable means for raising the gate into its vertical position, the gate can be rivetted together lying horizontally face upwards and supported about 4' 0" off the platform to permit of the skin being rivetted on. The cast iron gate beams and steel joists should first be laid in position and bolted together. The tie bars at back

PUBLIC WORKS DEPARTMENT,

IRRIGATION BRANCH.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read again

XXII G.O.No.1142-I dated 15th November 1906.

READ ~~the following~~ also

From the Director-General of Stores, India Office No.S.18053 dated 8th November 1906.

ORDER. 1205 I dt 24.12.06

Communicated to the officers concerned for information and guidance.

Issue

19/12

20/12/06

To the Supg. Engr, VI Circle with blue prints.

" General Supdt, P.W.Workshops. ----do----

" Chief Engineer for Irrigation. ---do----

DESPATCHED

-9 JAN 1907

19.12.06

ordinary

Blue prints retained in E.D's office

8.1.07

P.G. Phenomenal advance copy with the plans at once to avoid delay 20/12